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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/047,859

01/15/2002

Mikael Johansson

8194-583

5132

20792

7590

02/23/2006

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EXAMINER

PHAM, BRENDA H

ART UNIT

PAPER NUMBER

2664

DATE MAILED: 02/23/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

all

<b>Office Action Summary</b>	<b>Application No.</b> 10/047,859	<b>Applicant(s)</b> JOHANSSON ET AL.	
	<b>Examiner</b> Brenda Pham	<b>Art Unit</b> 2664	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 7 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 15 January 2002.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-26 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 8-12 is/are allowed.
- 6) ☒ Claim(s) 1-7 and 13-26 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 15 January 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |                                                                                                                                                        |                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                                                            | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>12/08/05, 1/15/02</u> . | 6) <input type="checkbox"/> Other: _____                                                |

### DETAILED ACTION

1. Claims 1-26 are pending in this application.

#### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1, 5-6, 13, 16, 18, 20, 23 and 25 are rejected under 35 U.S.C. 102(b) as being anticipated by AOKI (US 5,983,090).

Regarding claims 1, 13, 18, 20 and 25, AOKI discloses a method of configuring a wireless base station of a wireless mobile data communications system, the method comprising (referring to figure 1 and 10): determining an port number/internet address to be assigned to the wireless base station (SP determining an internet address (IP1) to be assigned to the wireless base station, see step ADDRESS IP1 ASSIGNED of figure 10, column 8, lines 1-5); communicating a datagram including the assigned internet address from a controller of the wireless mobile data communication system to the wireless base station via a backbone network of the wireless mobile data communication system (figure 1 shows service provide assigned IP1 address to BS via public network); and responsive to receipt of the datagram at the wireless base station, configuring the wireless base station to accept datagrams addressed to the assigned port number/internet address (figure 10 shows step of receiving data using IP1 address).

Regarding claims 5-6, 16, 23, AOKI further teach communicating the datagram according to IP.

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 2, 14 and 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over AOKI (US 5,983,090) in view of WIHELMSSON et al (US 6,898,425 B1).

Regarding claims 2, 14 and 21, as explained in the rejection station of claim 1 and 13 (parent claims) AOKI discloses all the claim limitations recites in parent claims. AOKI does not teach a datagram including the assigned port number/internet address in a destination field of a header of the datagram. Wihelmsson et al, in the same field of endeavors teach, in figure 2 7 and 8 that configured cell transmitted from radio network server 507 ( a node of packet network) comprising NSEI field, cell id field 804; routing are identity field 806 (see col. 6, lines 25-30 & col. 9, lines 15-20). Therefore, it would have been obvious to one ordinary skilled in the art at the time of the invention was made to comprises the fields taught by the configuration cell of Wilhelmsson et al as destination field in the transmitted packet as taught in AOKI so that cell is transmitted to the base station.

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6. Claims 3-4, 7, 15, 17, 19, 22, 24 and 26 are rejected under 35 U.S.C. 103(a) as being unpatentable over AOKI (US 5,983,090) in view of Applicant admitted prior art.

Regarding claims 7, 17, 19, 24 and 26, as explained in the rejection statement of claims 1, 13, 18, 20 and 35 (parent claims), AOKI discloses all the claim limitation recites in parent claims. AOKI does not specifically teach wherein the wireless mobile data communications system comprises a Cellular Digital Packet Data (CDPD) system, and wherein the wireless base station comprises a Mobile Data Base Station (MDBA). The Applicant's admitted prior art (figure 1, page 1) teaches this limitation.

Therefore, it would have been obvious to those having ordinary skill in the art at the time of the invention was made to implement the method of AOKI in a conventional Cellular Digital Packet Data (CDPD) communications system, such as teach in Applicant's admitted prior art.

Regarding claims 3, 4, 15, 22, as explained in the rejection statement of claims 1, 13, 20 (parent claims) AOKI discloses all the claim limitations recites in parent claims. AOKI does teach communicating the routed datagram to the wireless base station via a frame relay connection between the wireless base station and the router. This limitation is teach by Applicant's admitted prior art shows in figure 1. Therefore, it would have been obvious to one having ordinary skill in the art to implement the step of communication the datagram to the wireless base station via a frame relay connection between the wireless base station and the router via a conventional Cellular Digital Packet Data communications system, such as taught by admitted prior art.

***Allowable Subject Matter***

7. Claims 8-12 are allowed over prior art.

The following is a statement of reasons for the indication of allowable subject matter: the prior art made of record fails to teach or fairly suggests in combination a mobile data communications interface coupled to the radio communications circuit and configured to connect to a node of a backbone network of the wireless mobile data communications system, the mobile data communications interface including a self-configuring network interface operative, responsive to receipt of a datagram from node of the backbone network including an assigned port number and/or a network address, to configure itself to accept data-grams addressed to the assigned port number and/or internet address over the backbone network.

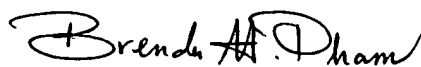
***Conclusion***

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brenda Pham whose telephone number is (571) 272-3135. The examiner can normally be reached on Monday-Friday from 9:00 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chi Pham, can be reached on (571) 272-3179.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-2600.

February 15, 2006  
Brenda Pham



**BRENDA PHAM**  
**PRIMARY EXAMINER**